

**ABBREVIATIONS**

@	AIR	NO	NUMBER
AV	AIR ADMITTANCE VALVE	OW	OVERWATER DRAIN
AF	ABOVE FINISHED FLOOR	P	PLUMBING FIXTURE
BP	BACKFLOW PREVENTER	PEX	CROSS LINKED POLYETHYLENE
CFH	CUBIC FEET PER HOUR	PH	PHASE
CLG	CEILING	PSQ	POUNDS PER SQUARE
CO	CLEAN OUT	PRC	PRIMARY RAIN CONDUCTOR
COL	COLUMN	PRD	PRIMARY ROOF DRAIN
CONC	CONCRETE	PRV	PRESSURE REDUCING VALVE
OW	COLD WATER	RD	RAIN CONDUCTOR
D	DRAIN	PS RD	PRIMARY/SECONDARY ROOF DRAIN
DC	DOWN SPOUT COVER	PVC	POLYVINYL CHLORIDE
DEG	DEGREE	RC	RAIN CONDUCTOR
DFU	DRAINAGE FIXTURE UNIT	RD	ROOF DRAIN
DA	DIAMETER	RECIRC	RECIROLATED
DN	DOWN	RBP	REDUCED PRESSURE PRINCIPLE
DWG	DRAWING	BACKFLOW PREVENTER	
F	FAHRENHEIT	RL	RAIN LEADER
FCO	FLOOR CLEAN OUT	S	SANITARY
FD	FLOOR DRAIN	SA	SHOCK ARRESTOR
FL	FLOOR	SCHD	SCHEDULE
FM	FORCE MAIN	SF	SQUARE FEET
G	GAS	SOV	SHUT OFF VALVE
GAL	GALLON	SRD	SECONDARY RAIN CONDUCTOR
GD	GREASE DRAIN	SRD	SECONDARY ROOF DRAIN
GPH	GALLONS PER HOUR	SRV	SAFETY RELIEF VALVE
HB	HOBBS	SYS	SYSTEM
HC	HANDICAPPED ACCESSIBLE	TP	TRAP PRIMER
HW	HOT WATER	TPP	TYPICAL
HWR	HOT WATER RETURN	V	VENT, VOLT
HZ	HERTZ	VTR	VENT THROUGH ROOF
IN	INCHES	W	WASTE, WATT
LBS	POUNDS	W	WITH
MCP	MOTOR CONTROL PANEL	WC	WATER CLOSET
MB	1000 BTU	WCO	WALL CLEANOUT
MIN	MINIMUM	WH	WATER HEATER
NFB	NON-FREEZE HOSE/BB	WT	DOMESTIC WATER TANK

**GENERAL NOTES**

1. PLUMBING SYSTEM DESIGNED IN ACCORDANCE WITH THE MAINE STATE INTERNAL PLUMBING CODE.
2. ALL PLUMBING WORK SHALL COMPLY WITH REQUIREMENTS OF THE STATE AND LOCAL CODES.
3. PLUMBING CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS.
4. FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY FOR THE PROPER AND COMPLETE INSTALLATION OF ALL PLUMBING SYSTEMS INDICATED ON THE DRAWINGS.
5. ALL WASTE AND VENT PIPING SHALL BE APPROVED BY LOCAL INSPECTOR PRIOR TO INSTALLATION.
6. INSTALL GATE OR BALL VALVES AND UNIONS ON ALL HOT AND COLD WATER CONNECTIONS TO EQUIPMENT. INSTALL GATE OR BALL VALVES ON ALL BRANCH LINES OFF MAIN WATER PIPE SUPPLIES FOR ISOLATION OF A GROUP OF FIXTURES OR SECTION OF BUILDING. REFER ALSO TO CODE REQUIREMENTS. EXCEPTION: EMERGENCY FIXTURES.
7. PROVIDE ALL NECESSARY ANCHORS, EXPANSION JOINTS, AND SHOCK ABSORBERS TO ALLOW NOISE-FREE MOVEMENT OF ALL ASSOCIATED PIPING.
8. INSTALL A TRAP AT EACH PLUMBING FIXTURE AND ALL PIECES OF EQUIPMENT.
9. INLET FLOW LINE OF SRD SHALL BE A MIN OF 2" ABOVE INLET FLOW LINE OF PRD.
10. IT IS NOT THE INTENTION OF THESE DRAWINGS THAT EVERY FITTING, HANGER, VALVE, DEVICE, ETC. BE SHOWN. ALL SUCH ITEMS SHALL BE FURNISHED AND INSTALLED AS MAY BE NECESSARY TO COMPLETE THE PLUMBING SYSTEMS AS USUALLY GIVEN TO THE TRADE FOR A COMPLETE WORKING SYSTEM AND TO THE SATISFACTION OF THE ARCHITECT.
11. PLUMBING CONTRACTOR SHALL REFER TO THE SITE, STRUCTURAL, ARCHITECTURAL, SPRINKLER, HEATING, AND ELECTRICAL DRAWINGS ASSOCIATED WITH THE PROJECT PRIOR TO INSTALLATION OF PLUMBING FIXTURES AND SHALL DETERMINE EXACT LOCATION OF PIPING MAINS. REFER ALSO TO PROJECT SPECIFICATIONS.
12. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS OF ALL PLUMBING FIXTURES.
13. COORDINATE WITH EQUIPMENT SUPPLIER AS TO ALL MOUNTING HEIGHTS, POINTS OF CONNECTIONS, TYPE OF CONNECTION REQUIRED, ETC. PRIOR TO ROUGHING AND PIPING.
14. EXTEND ALL CONDENSATE AND INDIRECT DRAINS ON EQUIPMENT TO FLOOR DRAINS OR FLOOR SINKS AS SHOWN ON PLANS. MAINTAIN REQUIRED AIR GAPS FROM INDIRECT WASTE PIPING PER CODE.
15. FINAL CONNECTION TO EACH PIECE OF EQUIPMENT SHALL INCLUDE ALL VACUUM BREAKERS, BACKFLOW PREVENTERS, PRESSURE REDUCING VALVES, STOPS, UNIONS, GAS COCKS, DIELECTRIC FITTINGS, REDUCERS, SOLENOID VALVES, MIXING VALVES, CHECK VALVES, EXPANSION TANKS, ETC. AS REQUIRED. COORDINATE WITH THE EQUIPMENT SUPPLIER.
16. GAS PIPING TO BE SUPPLIED AND INSTALLED BY PLUMBER AND PAINTED YELLOW BY GENERAL CONTRACTOR. INSTALLATION SHALL COMPLY WITH NFPA 54.
17. MAINTAIN ADEQUATE DISTANCE SO AS NOT TO UNDERMINE FOOTINGS AND FOUNDATIONS.
18. DURING THE PROGRESS OF WORK, MAINTAIN AN ACCURATE SET OF RECORD "AS-BUILT" DRAWINGS REFLECTING ALL CHANGES MADE IN THE PLUMBING INSTALLATION FROM THE LAYOUT AND MATERIALS SHOWN ON THE APPROVED DRAWINGS - INCLUDING PERTINENT INVERTS AND DIMENSIONS. THESE SHALL BE SUBMITTED TO ARCHITECT/OWNER AT THE COMPLETION OF WORK, PRIOR TO RECEIVING FINAL PAYMENT.

**LINETYPE LEGEND**

—————	SANITARY/STORM PIPING BELOW FLOOR
—————	SANITARY/STORM PIPING ABOVE FLOOR
-----	VENT PIPING ABOVE FLOOR
-----	VENT PIPING BELOW FLOOR
-----	DOMESTIC COLD WATER
-----	DOMESTIC HOT WATER
-----	DOMESTIC HOT WATER RECIROULATION
-----	ALL OTHER PIPING & ITEMS

**LINEWEIGHT LEGEND**

-----	EXISTING TO BE REMOVED
-----	EXISTING TO REMAIN
-----	ITEMS TO BE PROVIDED

**PLUMBING SCHEDULE**

	WALL-HUNG WATER CLOSET
	JANITOR SINK / SHOWER BASE
	COUNTERTOP SINK
	URINAL
	WATER COOLER
	AUTOMATIC AIR VENT
	BALL VALVE
	CAP
	ELBOW DOWN
	ELBOW UP OR UP AND DOWN
	FLOOR DRAIN
	FLOOR CLEAN OUT
	WALL CLEAN OUT
	GATE VALVE
	PRESSURE RELIEF VALVE
	PRESSURE REGULATOR
	REDUCER
	UNION
	SHOCK ARRESTOR
	P.D.I. SIZE INDICATOR
	VACUUM RELIEF VALVE
	IN-LINE PUMP
	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
	BUTTERFLY VALVE
	TRIPLE DUTY VALVE
	CONNECT TO EXISTING

**SHEET NOTES**

**GENERAL NOTES**

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Project Name  
PJM Terminal Enhancement

Project Number  
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CAD File Name  
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Description  
PLUMBING LEGEND & GENERAL NOTES

Scale  
NOT TO SCALE

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